

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
21 July 2005 (21.07.2005)

PCT

(10) International Publication Number
WO 2005/065712 A3

(51) International Patent Classification⁷: **A61K 45/00**

(74) Agent: SILVESTON, Judith; Abel & Imray, 20 Red Lion Street, London WC1R 4PQ (GB).

(21) International Application Number:
PCT/GB2005/000039

(22) International Filing Date: 7 January 2005 (07.01.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0400264.8 7 January 2004 (07.01.2004) GB

(71) Applicant (for all designated States except US): POLY-THERICS LIMITED [GB/GB]; 90 Fetter Lane, London EC4A 1JP (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): SHAUNAK, Sunil [GB/GB]; Department of Infectious Diseases, Imperial College London, Hammersmith Hospital, DuCane Road, London W12 0NN (GB). BROCCINI, Stephen [US/GB]; Department of Pharmaceutics, 29-39 Brunswick Square, The School of Pharmacy, University of London, London WC1N 1AX (GB). GODWIN, Antony [GB/GB]; Department of Pharmaceutics, 29-39 Brunswick Square, The School of Pharmacy, University of London, London WC1N 1AX (GB). CHOI, Ji-Won [KR/GB]; Department of Infectious Diseases, Imperial College of London, Hammersmith Hospital, DuCane Road, London W12 0NN (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(88) Date of publication of the international search report:
27 April 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COMPLEXES HAVING ADJUVANT ACTIVITY

(57) Abstract: A complex that comprises a narrow molecular weight distribution polymer that includes units derived from an acrylic acid or a salt thereof, and (i) a substance that has pharmacological activity against a pathogenic organism, or (ii) a substance that has pharmacological activity against a cancer, or (iii) one or more agents selected from antigens and immunogens is useful in treating and/or inducing immunity to the pathogenic organism or the cancer, and for inducing immunity to the antigen or immunogen.

WO 2005/065712 A3